

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/791879	US-PGPUB; USPAT	OR	OFF	2008/02/22 12:38
S2	1	"6177861" pn.	US-PGPUB; USPAT	OR	OFF	2008/02/22 20:24
S3	10	08/571004	US-PGPUB; USPAT	OR	OFF	2008/02/24 18:56
S4	3	"2000049656" "09200089" "10093479"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/02/25 19:54
S5	1	"2000049658"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/02/25 19:55
S6	449	(340/10.2\$).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/02/25 19:57
S7	2	S6 and MacLellan.in.	US-PGPUB; USPAT	OR	OFF	2008/02/25 19:58
S8	41	("6177861").URPN.	USPAT	OR	OFF	2008/02/25 19:59
S9	1	"2000-049656" "09- 200089" "10-093479"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/02/25 20:04
S10	0	"2000-049658"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/02/25 20:04
S11	3	("5721733"   "5896060"   "5929779").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/25 20:24
S12	40	("5721733").URPN.	USPAT	OR	OFF	2008/02/25 20:25
S13	124	S6 and distance	USPAT	OR	OFF	2008/02/25 20:36
S14	0	97/34250	USPAT	OR	OFF	2008/02/25 20:44
S15	0	"9734250"	USPAT	OR	OFF	2008/02/25 20:44
S16	1	"9734250"	US-PGPUB; USPAT; EPO	OR	OFF	2008/02/25 20:44
S17	6	"0485879"	US-PGPUB; USPAT; EPO	OR	OFF	2008/02/25 20:46

S18	20	S6 and distance and (hop or hopping)	USPAT	OR	OFF	2008/02/25 20:51
S19	1752	(340/10.1\$).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/02/25 20:54
S20	50	S19 and distance and (hop or hopping)	USPAT	OR	OFF	2008/02/25 20:55
S21	50	S19 and distance and (hop or hopping) and (power or voltage or strength)	USPAT	OR	OFF	2008/02/25 21:00
S22	21	S19 and distance and (hop or hopping) and (power or voltage) and strength	USPAT	OR	OFF	2008/02/25 21:01
S23	125	("2817012"   "3025524"   "3209350"   "3273146"   "3513470"   "3521280"   "3600710"   "3665480"   "3689929"   "3706094"   "3737911"   "3755803"   "3801935"   "3810257"   "3845420"   "3845490"   "3869682"   "3870994"   "3878528"   "3898592"   "3909838"   "3931597"   "3936774"   "3961290"   "3981011"   "4003073"   "4023167"   "4028649"   "4044355"   "4058217"   "4059831"   "4069472"   "4072915"   "4096477"   "4106020"   "4110653"   "4138681"   "4141712"   "4143340"   "4151525"   "4155056"   "4166258"   "4180815"   "4201964"   "4213104"   "4217564"   "4234666"   "4241352"   "4242671"   "4242685"   "4259673"   "4260988"   "4263571"   "4263595"   "4267534"   "4288343"   "4288689"   "4297701"   "4307356"   "4320402"   "4330790"   "4331740"   "4339753"   "4388524"   "4400702"   "4410823"   "4422055"   "4423392"   "4434383"   "4462011"   "4477813"   "4480150"   "4484160"   "4494031"   "4554549"   "4589422"   "4604623"   "4605929"   "4620191"   "4623890"   "4625184"   "4625207"   "4625208"   "4642640"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/25 21:02

		"4644384"   "4672418"   "4699682"   "4703327"   "4706105"   "4724443"   "4725841"   "4734698"   "4737789"   "4737790"   "4739328"   "4745401"   "4782345"   "4786907"   "4800392"   "4816839"   "4845397"   "4853705"   "4864158"   "4888591"   "4912471"   "4931664"   "4933588"   "4951057"   "4999636"   "5019815"   "5027107"   "5030807"   "5055659"   "5095240"   "5144313"   "5164985"   "5182570"   "5649295"   "5654693").PN.				
S24	182	(Takuya Nagai).in. or (Tsuyoshi Ohashi).in.	US-PGPUB; USPAT	AND	OFF	2008/02/26 11:04
S25	111894	("340").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/02/26 11:04
S26	20	S24 and S25	US-PGPUB; USPAT	OR	OFF	2008/02/26 11:04
S27	12	("20020175805"   "5455575"   "5477215"   "5640151"   "5686902"   "5887176"   "5929778"   "6034603"   "6177861"   "6566997"   "6608551"   "6867686").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/26 11:08
S28	450	(340/10.2\$).OCL.S.	US-PGPUB; USPAT	OR	OFF	2008/02/26 15:35
S29	3	S28 AND (band adj select \$4)	US-PGPUB; USPAT	OR	OFF	2008/02/26 15:35
S30	1760	(340/10.1\$).OCL.S.	US-PGPUB; USPAT	OR	OFF	2008/02/26 15:37
S31	20	S30 AND (band adj select \$4)	US-PGPUB; USPAT	OR	OFF	2008/02/26 15:37
S32	7	S30 AND (band adj select \$4) Same (distance or power or energy or strength)	US-PGPUB; USPAT	OR	OFF	2008/02/26 15:46
S36	21	S30 and distance and (hop or hopping) and (power or voltage backscatter\$3 band select energy) and strength	USPAT	OR	OFF	2008/02/26 16:43
S37	0	"59400006"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/26 17:20

S38	1	"5940006".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/26 17:20
S39	1	S38 and (determine frequency subcarrier)	US-PGPUB; USPAT; USOCR	SAME	OFF	2008/02/26 17:22
S41	2	MacLellan.in. and (frequency subcarrier channel)	US-PGPUB; USPAT; USOCR	SAME	OFF	2008/02/26 17:48
S42	1	"5940006".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/26 19:28
S43	1	S42 and (determine frequency subcarrier synthesizer)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/26 19:28
S44	12	08/504188	US-PGPUB; USPAT	OR	OFF	2008/02/26 19:45
S45	0	"08504188"	US-PGPUB; USPAT	OR	OFF	2008/02/26 19:47
S46	2	"6384709".pn. "5625349". pn.	US-PGPUB; USPAT	OR	OFF	2008/02/29 15:13
S48	1	"5686902".pn.	US-PGPUB; USPAT	OR	OFF	2008/02/29 18:33
S49	111974	("340").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/02/29 20:48
S50	2	S49 and ((frequency or band) determin\$5 distance)	US-PGPUB; USPAT	ADJ	OFF	2008/02/29 20:48
S51	7	("5557279"   "5625341"   "5842118"   "5850187"   "5952922"   "6045652"   "6107910").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/29 20:50
S52	111974	("340").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/03/01 12:35
S53	491	S52 and ((frequency or band) determin\$5 distance)	US-PGPUB; USPAT	WITH	OFF	2008/03/01 12:35
S54	4	S52 and ((frequency or band) determin\$5 distance)	US-PGPUB; USPAT	NEAR	OFF	2008/03/01 12:35
S55	11	09/088924	US-PGPUB; USPAT	OR	OFF	2008/03/03 12:08
S56	21	"088924"	US-PGPUB; USPAT	OR	OFF	2008/03/03 12:10
S57	142	"5686902"	US-PGPUB; USPAT	OR	OFF	2008/03/03 12:23
S58	111974	("340").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/03/03 14:48

S59	491	S58 and ((frequency or band) determin\$5 distance)	US-PGPUB; USPAT	WITH	OFF	2008/03/03 14:48
S60	2	S59 and (frequency increase decrease distance)	US-PGPUB; USPAT	WITH	OFF	2008/03/03 14:48
S61	6	S59 and (frequency increase decrease distance)	US-PGPUB; USPAT	SAME	OFF	2008/03/03 14:49
S62	14	("3680375"   "3762221"   "3939406"   "4167736"   "4334543"   "4397191"   "4423623"   "4708021"   "4726225"   "4888547"   "4976154"   "5025160"   "5065764"   "5198989"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/03 15:07
S63	1765	(340/10.1\$).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/03/03 15:28
S64	21	S63 and distance and (hop or hopping) and (power or voltage backscatter\$3 band select energy) and strength	USPAT	OR	OFF	2008/03/03 15:28
S66	10	S64 and (frequency increase decrease distance)	US-PGPUB; USPAT	AND	OFF	2008/03/03 15:28
S70	1	10/537567	US-PGPUB; USPAT	OR	OFF	2008/03/04 18:28
S71	8	(solar cell power (transponder or tag)).clm.	US-PGPUB; USPAT	SAME	OFF	2008/03/04 20:36
S72	8	S71 and (solar (transponder or tag))	US-PGPUB; USPAT	SAME	OFF	2008/03/04 20:43
S73	3434	((455/450) or (370/344) or (370/343)).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/03/05 14:35
S75	165	((frequency adj Band) (increase or decrease) (based or bases) (collision or interfer\$4 or noise or error)	US-PGPUB; USPAT	SAME	OFF	2008/03/05 14:41
S79	15	S73 and (frequency near Band) (collision or interfer \$4 or noise or error)	US-PGPUB; USPAT	NEAR	OFF	2008/03/05 14:44
S81	112039	("340").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/03/05 14:49
S82	3	S81 and S75	US-PGPUB; USPAT	OR	OFF	2008/03/05 14:49

S83	244	S73 and ((frequency near Band) (collision or interfer\$4 or noise or error)	US-PGPUB; USPAT	WITH	OFF	2008/03/05 14:51
S84	237	S73 and ((frequency adj Band) (collision or interfer\$4 or noise or error)	US-PGPUB; USPAT	WITH	OFF	2008/03/05 14:52
S85	29	S73 and ((frequency adj Band) (change\$1 or raise or lower or increase or decrease)(collision or interfer\$4 or noise or error)	US-PGPUB; USPAT	WITH	OFF	2008/03/05 14:53
S87	29	S85 and ((frequency adj Band) (change\$1 or raise or lower or increase or decrease)(collision or interfer\$4 or noise or error))	US-PGPUB; USPAT	OR	OFF	2008/03/05 15:03
S88	1	"6792276".pn.	US-PGPUB; USPAT	OR	OFF	2008/03/05 17:20
S92	1	S88 and ((frequency adj Band) (change\$1 or raise or lower or increase or decrease)(collision or interfer\$4 or noise or error))	US-PGPUB; USPAT	OR	OFF	2008/03/05 17:21
S93	112039	("340").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/03/05 18:57
S96	3	S93 and ((primary and secondary) ((power adj source) or battery)) same (transponder\$1 or tag\$1 or remote adj control)	US-PGPUB; USPAT	NEAR	OFF	2008/03/05 19:00
S97	43	S93 and ((primary and secondary) same ((power adj source) or battery)) same (transponder\$1 or tag\$1 or remote adj control)	US-PGPUB; USPAT	NEAR	OFF	2008/03/05 19:02
S98	21	S93 and ((primary and secondary) same ((power adj source) or battery)) same (transponder\$1 or tag\$1 or remote adj control) same frequenc\$3	US-PGPUB; USPAT	NEAR	OFF	2008/03/05 19:03
S100	20	((primary and secondary) ((power adj source) or battery)) same (transponder\$1 or tag\$1 or remote adj control)	US-PGPUB; USPAT	NEAR	OFF	2008/03/05 19:20

S102	20	((primary and secondary) ((power adj source) or batter\$3)) same (transponder\$1 or tag\$1 or remote adj control)	US-PGPUB; USPAT	NEAR	OFF	2008/03/05 19:24
S103	2968	((340/7.32) or (340/7.36) or (340/7.37) or (340/693.\$) or (340/636.19) or (340/636.1) or (340/455) or (340/855.8) or (340/539.3) or (340/10.34) or (340/333)). CQLS	US-PGPUB; USPAT	OR	OFF	2008/03/05 20:33
S104	8	S103 and ((primary and secondary) same ((power adj source) or battery)) same (transponder\$1 or tag\$1 or remote adj control)	US-PGPUB; USPAT	NEAR	OFF	2008/03/05 20:34
S105	14	S103 and ((secondary) same ((power adj source) or battery)) same (transponder\$1 or tag\$1 or remote adj control)	US-PGPUB; USPAT	NEAR	OFF	2008/03/05 20:36
S106	289	S103 and (((power adj source) or battery)) same (transponder\$1 or tag\$1 or remote adj control)	US-PGPUB; USPAT	NEAR	OFF	2008/03/05 20:48
S107	234	S103 and (((power adj source) or battery)) same (transponder\$1 or tag\$1)	US-PGPUB; USPAT	NEAR	OFF	2008/03/05 20:49
S108	200	S103 and ((battery)) same (transponder\$1 or tag\$1)	US-PGPUB; USPAT	NEAR	OFF	2008/03/05 20:49
S109	87	S103 and ((battery)) same (transponder\$1 or tag\$1) same frequenc\$3	US-PGPUB; USPAT	NEAR	OFF	2008/03/05 20:49
S111	87	S103 and (((battery)) (transponder\$1 or tag\$1) frequenc\$3)	US-PGPUB; USPAT	SAME	OFF	2008/03/05 20:50
S112	1	"6792276".pn.	US-PGPUB; USPAT	OR	OFF	2008/03/05 21:37
S113	1	"6792276".pn.	US-PGPUB; USPAT	OR	OFF	2008/03/05 21:38
S126	7	(US-20010020897-\$).did. or (US-6792276-\$ or US-6362737-\$ or US-6107910-\$ or US-5940006-\$ or US-5686902-\$ or US-5621412-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/07/24 12:17

S127	4	S126 and batter\$3	US-PGPUB; USPAT	OR	OFF	2008/07/24 12:18
S128	7	(US-20010020897-\$).did. or (US-6792276-\$ or US- 6362737-\$ or US-6107910- \$ or US-5940006-\$ or US- 5686902-\$ or US-5621412- \$).did.	US-PGPUB; USPAT	OR	OFF	2008/07/25 17:46
S129	4	S128 and (hertz Mhz megahertz)	US-PGPUB; USPAT	OR	OFF	2008/07/25 17:46
S130	1	10/993066	US-PGPUB; USPAT	OR	OFF	2008/12/31 16:12
S131	854	RSSI same distance	US-PGPUB; USPAT	OR	OFF	2009/06/17 14:38
S132	230	S131 and @ad<"20030306"	US-PGPUB; USPAT	OR	OFF	2009/06/17 14:39
S133	8	S132 and (RFID\$1 transponder\$1 interrogator \$1 smartcard\$1 (smart adj card\$1))	US-PGPUB; USPAT	OR	OFF	2009/06/17 14:41
S134	41	S132 and (RFID\$1 transponder\$1 interrogator \$1 smartcard\$1 (smart adj card\$1) tag\$1)	US-PGPUB; USPAT	OR	OFF	2009/06/17 14:41
S140	17	S134 and ((calculat\$3 determin\$5) near2 distance)	US-PGPUB; USPAT	OR	OFF	2009/06/17 14:47
S141	854	RSSI same distance	US-PGPUB; USPAT	OR	OFF	2009/06/17 16:40
S142	230	S141 and @ad<"20030306"	US-PGPUB; USPAT	OR	OFF	2009/06/17 16:40
S143	8	S142 and (RFID\$1 transponder\$1 interrogator \$1 smartcard\$1 (smart adj card\$1))	US-PGPUB; USPAT	OR	OFF	2009/06/17 16:40
S144	5	S143 and ((calculat\$3 determin\$5) near2 distance)	US-PGPUB; USPAT	OR	OFF	2009/06/17 16:40
S166	856	RSSI same distance	US-PGPUB; USPAT	OR	OFF	2009/06/18 17:18
S167	230	S166 and @ad<"20030306"	US-PGPUB; USPAT	OR	OFF	2009/06/18 17:18
S168	41	S167 and (RFID\$1 transponder\$1 interrogator \$1 smartcard\$1 (smart adj card\$1) tag\$1)	US-PGPUB; USPAT	OR	OFF	2009/06/18 17:18
S169	1	S168 and ((calculat\$3 determin\$5) near2 distance) same table	US-PGPUB; USPAT	OR	OFF	2009/06/18 17:18



S170	1	"20010040508".pn.	US-PGPUB; USPAT	OR	OFF	2009/06/19 15:03
S171	738	((calculat\$3 determin\$5 measur\$3) near3 distance) same table\$3 same (power strength)	US-PGPUB; USPAT	OR	OFF	2009/06/19 15:04
S172	382	S171 and @ad<"20030306"	US-PGPUB; USPAT	OR	OFF	2009/06/19 15:04
S173	36	S172 and ((RFID\$1 transponder\$1 interrogator \$1 smartcard\$1 (smart adj card\$1) tag\$1) or "340". clas.)	US-PGPUB; USPAT	OR	OFF	2009/06/19 15:05
S174	3	individual frequenc\$3 utiliz \$5 ratio distribut\$3 pattern \$1	US-PGPUB; USPAT	SAME	OFF	2010/01/26 15:36
S175	26	frequenc\$3 utiliz\$5 ratio distribut\$3 pattern\$1	US-PGPUB; USPAT	SAME	OFF	2010/01/26 15:37
S176	14	S175 and @ad<"20030306"	US-PGPUB; USPAT	OR	OFF	2010/01/26 15:37
S177	1	frequenc\$3 near3 utiliz\$5 near3 ratio near3 distribut \$3 near3 pattern\$1	US-PGPUB; USPAT	SAME	OFF	2010/01/26 15:40
S178	2	frequenc\$3 near3 utiliz\$5 near3 ratio near3 distribut \$3	US-PGPUB; USPAT	SAME	OFF	2010/01/26 15:40
S179	1	((frequenc\$3 near3 utiliz\$5 near3 distribut\$3 ) ratio pattern	US-PGPUB; USPAT	SAME	OFF	2010/01/26 15:42
S180	15	((frequenc\$3 near3 utiliz\$5 near3 distribut\$3 ) and ratio pattern	US-PGPUB; USPAT	SAME	OFF	2010/01/26 15:42
S181	5	S180 and @ad<"20030306"	US-PGPUB; USPAT	OR	OFF	2010/01/26 15:42
S182	1	((High or Low)near5 frequenc\$3 near3 utiliz\$5 ) same (distribut\$3 ratio pattern)	US-PGPUB; USPAT	SAME	OFF	2010/01/26 15:47
S183	6	((High or Low) near5 frequenc\$3 near3 utiliz\$5) and (distribut\$3 ratio pattern)	US-PGPUB; USPAT	SAME	OFF	2010/01/26 15:48
S184	2	S183 and @ad<"20030306"	US-PGPUB; USPAT	OR	OFF	2010/01/26 15:49
S185	94424	("375").CLAS.	US-PGPUB; USPAT	OR	OFF	2010/01/27 14:53
S186	75	S185 and (frequenc\$3 near3 distribut\$3 near3 pattern\$1 )	US-PGPUB; USPAT	SAME	OFF	2010/01/27 14:54

S187	47	S186 and @ad<"20030306"	US-PGPUB; USPAT	OR	OFF	2010/01/27 14:55
S188	0	S187 and (Notch near2 filter\$3)	US-PGPUB; USPAT	OR	OFF	2010/01/27 14:55
S189	25	S187 and (overlap)	US-PGPUB; USPAT	OR	OFF	2010/01/27 14:56
S190	25	S187 and (overlap\$4)	US-PGPUB; USPAT	OR	OFF	2010/01/27 14:58
S191	709	(frequenc\$3 near3 distribut \$3 near3 pattern\$1 )	US-PGPUB; USPAT	SAME	OFF	2010/01/27 15:00
S192	6	S191 and (frequenc\$3 near3 low near3 channel \$1 )	US-PGPUB; USPAT	SAME	OFF	2010/01/27 15:01
S193	3	S192 and (frequenc\$3 near3 high near3 channel \$1 )	US-PGPUB; USPAT	SAME	OFF	2010/01/27 15:01
S194	717	(frequenc\$3 near3 distribut \$3 near3 pattern\$1 )	US-PGPUB; USPAT; EPO	SAME	OFF	2010/01/27 15:10
S195	87	S194 and (frequenc\$3 near3 channel\$1 )	US-PGPUB; USPAT	SAME	OFF	2010/01/27 15:10
S196	44	S195 and (overlap\$4)	US-PGPUB; USPAT	OR	OFF	2010/01/27 15:11
S197	22	S196 and @ad<"20030306"	US-PGPUB; USPAT	OR	OFF	2010/01/27 15:12
S198	8	S197 and (center near2 frequency)	US-PGPUB; USPAT	OR	OFF	2010/01/27 15:14
S199	0	S194 and (center near2 frequency) near5 (Notch\$2 near2 filter\$3)	US-PGPUB; USPAT	OR	OFF	2010/01/27 15:21
S200	0	(frequenc\$3 near3 distribut \$3) same (center near2 frequency) near5 (Notch\$2 near2 filter\$3)	US-PGPUB; USPAT	OR	OFF	2010/01/27 15:21
S201	18	((frequenc\$3 near3 distribut \$3) and ((center near2 frequency) near5 (Notch\$2 near2 filter\$3)))	US-PGPUB; USPAT	OR	OFF	2010/01/27 15:22
S202	14	S201 and @ad<"20030306"	US-PGPUB; USPAT	OR	OFF	2010/01/27 15:22
S203	14	S202 and (high low channel \$1)	US-PGPUB; USPAT	OR	OFF	2010/01/27 15:26

S204	25	(US-20010020897-\$ or US-20020122003-\$ or US-20010040508-\$).did. or (US-6978217-\$ or US-6745008-\$ or US-6651028-\$ or US-6301306-\$ or US-6456668-\$ or US-6034603-\$ or US-6570487-\$ or US-6650229-\$ or US-5668803-\$ or US-6107910-\$ or US-6127917-\$ or US-6362737-\$ or US-5940006-\$ or US-6346884-\$ or US-6792276-\$ or US-5621412-\$ or US-5686902-\$ or US-6839560-\$ or US-6008760-\$ or US-6088416-\$ or US-5821470-\$ or US-6963184-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/06/15 14:42
S206	24	S204 and (delay\$3 period \$1 hop\$4 ratio\$1 time subcarrier sub-carrier (sub adj carrier) carrier)	US-PGPUB; USPAT	OR	OFF	2010/06/15 14:45
S211	151	(delay\$3 period\$1 ratio\$1) same hop\$4 same time same (subcarrier sub-carrier (sub adj carrier) same carrier)	US-PGPUB; USPAT	OR	OFF	2010/06/15 14:55
S212	19	S211 and @ad<"20030306"	US-PGPUB; USPAT	OR	OFF	2010/06/15 14:55
S213	0	S204 and (delay\$3 period \$1 ratio\$1 time) same hop \$4 same (subcarrier sub-carrier (sub adj carrier))	US-PGPUB; USPAT	OR	OFF	2010/06/15 15:05
S214	19	S212 and (delay\$3 period \$1 ratio\$1 time divid\$3) same hop\$4 same (subcarrier sub-carrier (sub adj carrier))	US-PGPUB; USPAT	OR	OFF	2010/06/15 15:14

12/ 5/ 2010 9:31:39 PM

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